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blower dryer also can be used in rugged conditions because the machines are steady and their air filter is protected from breaking or falling off.

It is understood that the above description is intended to be illustrative, and not restrictive. Many other embodiments will be apparent to those of skill in the art upon reviewing the above description. The scope of the invention should, therefore, be determined with reference to the appended claims, along with the full scope of equivalents to which such claims are entitled.

What is claimed is:

1. A livestock blow dryer, comprising:

a blower housing having an air inlet opening and an air outlet opening, the blower housing having a filter holding section near the air inlet opening;

at least one blower motor within the blower housing, the at least one blower motor having a capacity for blow drying livestock; and

an air filter cartridge adapted to be removably mounted within the filter holding section through a top surface of the blower housing.

2. The livestock blow dryer of claim 1, wherein the filter cartridge comprises:

a perimeter section; and

a filter section within the perimeter section.

3. The livestock blow dryer of claim 2, wherein the filter cartridge further comprises a tab attached to the perimeter section for removing the filter cartridge from the filter holding section.

4. The livestock blow dryer of claim 1, wherein the blower housing has a cylindrical shape having the air inlet opening at a first end and the air outlet opening at a second end, and wherein the filter cartridge has a circular shape having approximately the same diameter as the cylindrical blower housing.

5. The livestock blow dryer of claim 1, wherein the filter cartridge is inserted through the top surface of the blower housing and into the filter holding section at a direction perpendicular to an axial direction of the cylindrical blower housing.

6. The livestock blow dryer of claim 5, wherein the filter holding section comprises a slot in an inlet cap member.

7. The livestock blow dryer of claim 1, wherein the air outlet opening of the blower housing includes a nozzle having a conical shape, the nozzle having a hose attaching section.

8. A livestock blow dryer, comprising:

a blower housing having an air inlet opening and an air outlet opening;

at least one blower motor within the blower housing for blowing air through the blower housing, the at least one blower motor having a capacity for blow drying livestock; and

a nozzle adapted to cover the air outlet opening, the nozzle having a wide end and a narrow end, the wide end attached to the blower housing and having a diameter approximately the same as a diameter of the blower housing, the narrow end pointing away from the blower housing.

9. The livestock blow dryer of claim 8, wherein the narrow end of the nozzle has an attaching section for attaching a hose to the nozzle.

10. The livestock blow dryer of claim 8, wherein the blower housing has a substantially cylindrical shape.

11. The livestock blow dryer of claim 8, wherein the nozzle has a substantially frusto-conical shape.

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12. The livestock blow dryer of claim 11, wherein the nozzle has an approximately 95 degree internal angle.

13. The livestock blow dryer of claim 8, further comprising a heating element mounted within the blower housing, and a plurality of W-shaped legs.

14. The livestock blow dryer of claim 8, further comprising:

a handle attached to the blower housing for carrying the livestock blow dryer,

a plurality of legs for setting the livestock blow dryer on a surface; and

wherein the narrow end of the nozzle has an attaching section for attaching a hose to the nozzle, and the frusto-conical shape has an approximately 95 degree internal angle.

15. The livestock blow dryer of claim 14, further comprising a filter holding section, and an air filter cartridge adapted to be inserted into the filter holding section.

16. A livestock blow dryer, comprising:

a cylindrical blower housing having an inlet opening and an outlet opening;

at least one blower motor for blowing air through the outlet opening;

a conically shaped nozzle attached to the outlet opening for permitting air flow out of the blower housing;

a filter holding section proximate to the inlet opening; and

a filter cartridge removably mounted within the filter holding section through a top surface of the blower housing, the filter cartridge for filtering air coming into the inlet opening.

17. The livestock blow dryer of claim 16, wherein the filter cartridge comprises:

a circular, outer perimeter section having a tab for removing the filter cartridge from the filter holding section; and

a filter section within the outer perimeter section.

18. The livestock blow dryer of claim 17, wherein the filter cartridge has approximately the same diameter as the blower housing.

19. The livestock blow dryer of claim 18, further comprising an inlet cap member having an opening permitting passage of air, the inlet cap member includes a screen covering the opening, and wherein the filter holding section comprises a slot in the inlet cap member.

20. The livestock blow dryer of claim 19, further comprising

a heating element mounted within the blower housing for heating the air;

a plurality of legs attached to the blower housing for setting the livestock blow dryer on a surface; and

wherein the nozzle includes an attaching section for attaching a hose to the nozzle.

21. A livestock blow dryer, comprising:

a blower housing having an air inlet opening and an air outlet opening, the blower housing having a slot near the air inlet opening;

at least one blower motor within the blower housing, the at least one blower motor having a capacity for blow drying livestock; and

an air filter cartridge adapted to be removably mounted within the slot, wherein the slot is located so that the filter cartridge is inserted into the slot at a direction perpendicular to an axial direction of the blower housing.

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22. The livestock blow dryer of claim 21, wherein the blower housing has a cylindrical shape having the air inlet opening at a first end and the air outlet opening at a second end.

23. The livestock blow dryer of claim 22, wherein the filter cartridge has a circular shape having approximately the same diameter as the cylindrical blower housing.

24. A livestock blow dryer, comprising:

a blower housing having an air inlet opening and an air outlet opening, the blower housing having a filter holding section which includes a slot in an inlet cap member near the air inlet opening, wherein the blower housing has a cylindrical shape having the air inlet opening at a first end and the air outlet opening at a second end;

at least one blower motor within the blower housing, the at least one blower motor having a capacity for blow drying livestock; and

an air filter cartridge adapted to be removably mounted within the filter holding section, the filter cartridge having a circular shape having approximately the same diameter as the cylindrical blower housing, wherein the filter cartridge is inserted into the filter holding section at a direction perpendicular to an axial direction of the cylindrical blower housing.

25. The livestock blow dryer of claim 24, wherein the filter cartridge comprises:

a perimeter section; and

a filter section within the perimeter section.

26. The livestock blow dryer of claim 25, wherein the filter cartridge further comprises a tab attached to the perimeter section for removing the filter cartridge from the filter holding section.

27. The livestock blow dryer of claim 24, wherein the air outlet opening of the blower housing includes a nozzle having a conical shape, the nozzle having a hose attaching section.

28. The livestock blow dryer of claim 27, wherein the nozzle has a substantially frusto-conical shape.

29. The livestock blow dryer of claim 28, wherein the nozzle has an approximately 95 degree internal angle.

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30. The livestock blow dryer of claim 24, wherein the filter cartridge includes a tab for removing the filter cartridge from the livestock blow dryer, a plurality of ribs attached to an outer perimeter section of the filter cartridge, and a filter section molded to the outer perimeter section and molded to the ribs.

31. The filter cartridge of claim 30, wherein the outer perimeter section of the filter cartridge includes a pair of notches for supporting the filter cartridge when the filter cartridge is mounted within the livestock blow dryer.

32. A livestock blow dryer, comprising:

a cylindrical blower housing having an inlet opening and an outlet opening;

at least one blower motor for blowing air through the outlet opening;

a conically shaped nozzle attached to the outlet opening for permitting air flow out of the blower housing;

a filter holding section proximate to the inlet opening;

a filter cartridge removably mounted within the filter holding section, the filter cartridge for filtering air coming into the inlet opening, wherein the filter cartridge includes a circular, outer perimeter section having a tab for removing the filter cartridge from the filter holding section and a filter section within the outer perimeter section, and wherein the filter cartridge has approximately the same diameter as the blower housing; and

an inlet cap member having an opening permitting passage of air, the inlet cap member includes a screen covering the opening, and wherein the filter holding section comprises a slot in the inlet cap member.

33. The livestock blow dryer of claim 32, further comprising

a heating element mounted within the blower housing for heating the air;

a plurality of legs attached to the blower housing for setting the livestock blow dryer on a surface; and

wherein the nozzle includes an attaching section for attaching a hose to the nozzle.

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